

Summary Report

Tommy Folsom
Murchison Oil & Gas Inc.
P.O. Box 627
Carlsbad, NM, 88220

Report Date: March 1, 2007

Work Order: 7030124

**30-015-34475**

Project Name: Mustang Fed Com #1

A-21-18-29

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
117795	N Wall & Floor Comp Insitu	soil	2007-02-28	17:00	2007-03-01
117796	S. Wall & Floor Comp Insitu	soil	2007-02-28	17:20	2007-03-01
117797	E Wall & Floor Comp Insitu	soil	2007-02-28	17:50	2007-03-01
117798	W Wall & Floor Comp Insitu	soil	2007-02-28	17:30	2007-03-01

Sample: 117795 - N Wall & Floor Comp Insitu

Param	Flag	Result	Units	RL
Chloride		42.2	mg/Kg	5.00

Sample: 117796 - S. Wall & Floor Comp Insitu

Param	Flag	Result	Units	RL
Chloride		244	mg/Kg	5.00

Sample: 117797 - E Wall & Floor Comp Insitu

Param	Flag	Result	Units	RL
Chloride		817	mg/Kg	5.00

Sample: 117798 - W Wall & Floor Comp Insitu

Param	Flag	Result	Units	RL
Chloride		51.2	mg/Kg	5.00



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Analytical and Quality Control Report

Tommy Folsom
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Project Name: Mustang Fed Com #1
Project Number: Mustang Fed Com #1

A-21-18-29

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
117795	N Wall & Floor Comp Insitu	soil	2007-02-28	17:00	2007-03-01
117796	S. Wall & Floor Comp Insitu	soil	2007-02-28	17:20	2007-03-01
117797	E Wall & Floor Comp Insitu	soil	2007-02-28	17:50	2007-03-01
117798	W Wall & Floor Comp Insitu	soil	2007-02-28	17:30	2007-03-01

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 3 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Analytical Report

Sample: 117795 - N Wall & Floor Comp Insitu

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35157	Date Analyzed:	2007-03-01	Analyzed By:	ER
Prep Batch:	30513	Sample Preparation:	2007-03-01	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		42.2	mg/Kg	2	5.00

Sample: 117796 - S. Wall & Floor Comp Insitu

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35157	Date Analyzed:	2007-03-01	Analyzed By:	ER
Prep Batch:	30513	Sample Preparation:	2007-03-01	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		244	mg/Kg	2	5.00

Sample: 117797 - E Wall & Floor Comp Insitu

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35157	Date Analyzed:	2007-03-01	Analyzed By:	ER
Prep Batch:	30513	Sample Preparation:	2007-03-01	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		817	mg/Kg	10	5.00

Sample: 117798 - W Wall & Floor Comp Insitu

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35157	Date Analyzed:	2007-03-01	Analyzed By:	ER
Prep Batch:	30513	Sample Preparation:	2007-03-01	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		51.2	mg/Kg	2	5.00

Method Blank (1) QC Batch: 35157

QC Batch:	35157	Date Analyzed:	2007-03-01	Analyzed By:	ER
Prep Batch:	30513	QC Preparation:	2007-03-01	Prepared By:	ER

Parameter	Flag	MDL Result	Units	RL
Chloride		<3.25	mg/Kg	5

Matrix Spike (MS-1) Spiked Sample: 117798

QC Batch: 35157
Prep Batch: 30513

Date Analyzed: 2007-03-01
QC Preparation: 2007-03-01

Analyzed By: ER
Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 306	mg/Kg	4	400	51.224	64	84.6 - 117

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	² 310	mg/Kg	4	400	51.224	65	84.6 - 117	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 35157

Date Analyzed: 2007-03-01

Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	97.4	97	85 - 115	2007-03-01

Standard (CCV-1)

QC Batch: 35157

Date Analyzed: 2007-03-01

Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	103	103	85 - 115	2007-03-01

¹Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

²Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

TraceAnalysis, Inc.

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Company Name: Murchison Oil & Gas Co. Inc. Phone #: 505-706-0667

Address: (Street, City, Zip) Carlsbad, NM 88220 Fax #:

Contact Person: Tommy Folsom E-mail: tfolsom@valmet.com

Invoice to: (If different from above)

Project #: Mustang Fed. Com #1 Project Name: Adm.

Project Location (including state): Sampler Signature: [Signature]

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		MTBE 8021B / 602 BTX 8021B / 602 / TPH 418.1 / TX1005 TPH 8015 GRO / DR PAH 8270C / 625 Total Metals Ag As Ba Cd TCLP Metals Ag As Ba TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCI GC/MS Vol. 8260B / 8 GC/MS Semi. Vol. 82 PCB's 8082 / 608 Pesticides 8081A / 60 BOD, TSS, pH Moisture Content	Turn Around Time if different	Hold
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME			
11778	N Wall's floor comp. inside	1			X							X	7/28/07	1700	Sci'l Ch made samples		X	
96	S u u u inside	1			X									1720				
97	E	1			X									1750	Email to:			
98	W	1			X									1730	efalsom@valerinet.com make bratches to state mm.us mm.us cmwink@mal.com			

MTBE 8021B / 602 / 8260B / 624
BTEX 8021B / 602 / 8260B / 624
TPH 418.1 / TX1005 / TX1005 Ext(C35)
TPH 8015 GRO / DRO / TVHC
PAH 8270C / 625
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7
TCLP Metals Ag As Ba Cd Cr Pb Se Hg
TCLP Volatiles
TCLP Semi Volatiles
TCLP Pesticides
RCI
GC/MS Vol. 8260B / 624
GC/MS Semi. Vol. 8270C / 625
PCBs 8082 / 608
Pesticides 8081A / 608
BOD, TSS, pH
Moisture Content

Sci'l O₂ anal. samples

Email to:
tfolsom@valmet.com
Mike Bratcher a state, nm.us
Brock Bratcher
cmwink@nml.com

Relinquished by: [Signature] Date: 7/28/07 Time: 1800

Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____

Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____

Received at Laboratory by: [Signature] Date: 7-28-07 Time: 11:15

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp RT

Log-in-Review [Signature]

REMARKS: 24 Hr

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier # BUSCLT 3528 117980

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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